

SITE INFORMATION

Site Identifier :	CH3RB1	Landowner Type :	Private
Site Name :		Landowner Name :	Unknown
WRIA :	05.0019X	Address :	
Region :	NS	Address2 :	
Trib to :	EF Church Cr	City :	
River Mile :	7.20	State :	
River System :	Church Cr	Zipcode :	
Legal Description :	SE1/4S15T32NR4E	Phone :	
County :	Snohomish		
Habitat Type :	terrace tributary		

Coordinates

East: 1,568,311.00 North: 1,071,441.00

Directions :

From the intersection of 28TH Ave NW and Old Hwy 99, go down 28TH Ave NW for 0.6 miles to a private driveway on the right. The site is located behind the house on this property.

Area Overview :

This is a small trib that offers 226 square meters of good over-winter rearing and a small amount of fair spawning habitat.

Field Survey Information

Date : 2/25/03

Observer : Olis

Survey Type : initial

HABITAT INFORMATION

Water Source: ☐ Spring ☒ Groundwater ☒ Surface runoff

Flow: ☒ Intermittent ☐ Year-round

Estimated Flows (cfs):
Lower end: 0.1
Upper end: 0.05

Water Temperature(C):
Lower end: 3.3
Upper end: 4.4

Receiving Water Temperature (C): 2.8

Other Observations:

Site Area Measurements: ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel: 1.1 Ponds: Wetlands:

Depths: Channel: 0.12 Ponds: Wetlands:

Total length (includes ponds and wetlands): 144

Total existing habitat area (est. m2): 226

Spawning area:	Mainstem: 4	Tribs:	Total:
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Impounded area:	Mainstem:	Tribs:	Total:
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Other rearing area:	Mainstem: 222	Tribs:	Total:
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Unaccessible habitat:	Mainstem:	Tribs:	Total:
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Spawning habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe spawning habitat: There is some spawning gravel located at 24 meters and some pea gravel at 60 meters. The gravel size ranges from pea gravel to 4"; there is good brushy cover and on the day of the survey, water depth was marginal for adult spawners.

Rearing habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe pond and other rearing habitat: This stream has a mostly mud-bottomed substrate, has a gradient of 2% to 3%, has good brushy cover along the banks and has water parsley, skunk cabbage and canary grass present.

Describe inaccessible habitat:

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☒ Low ☐ Medium ☐ High

Describe: EF Church Cr is in a swamp at this point and poses no threat to flooding this site.

FISH INFORMATION

Site entry condition: ☐ Poor ☐ Fair ☒ Good

Describe: The mainstem is in a swampy area at the entry.

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
Adult ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Describe: Although this site can be accessed by coho, there were no fish observed in the site on the day of the survey.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: This site provides a small amount of rearing habitat for trout too.

ENHANCEMENT OPPORTUNITIES: None

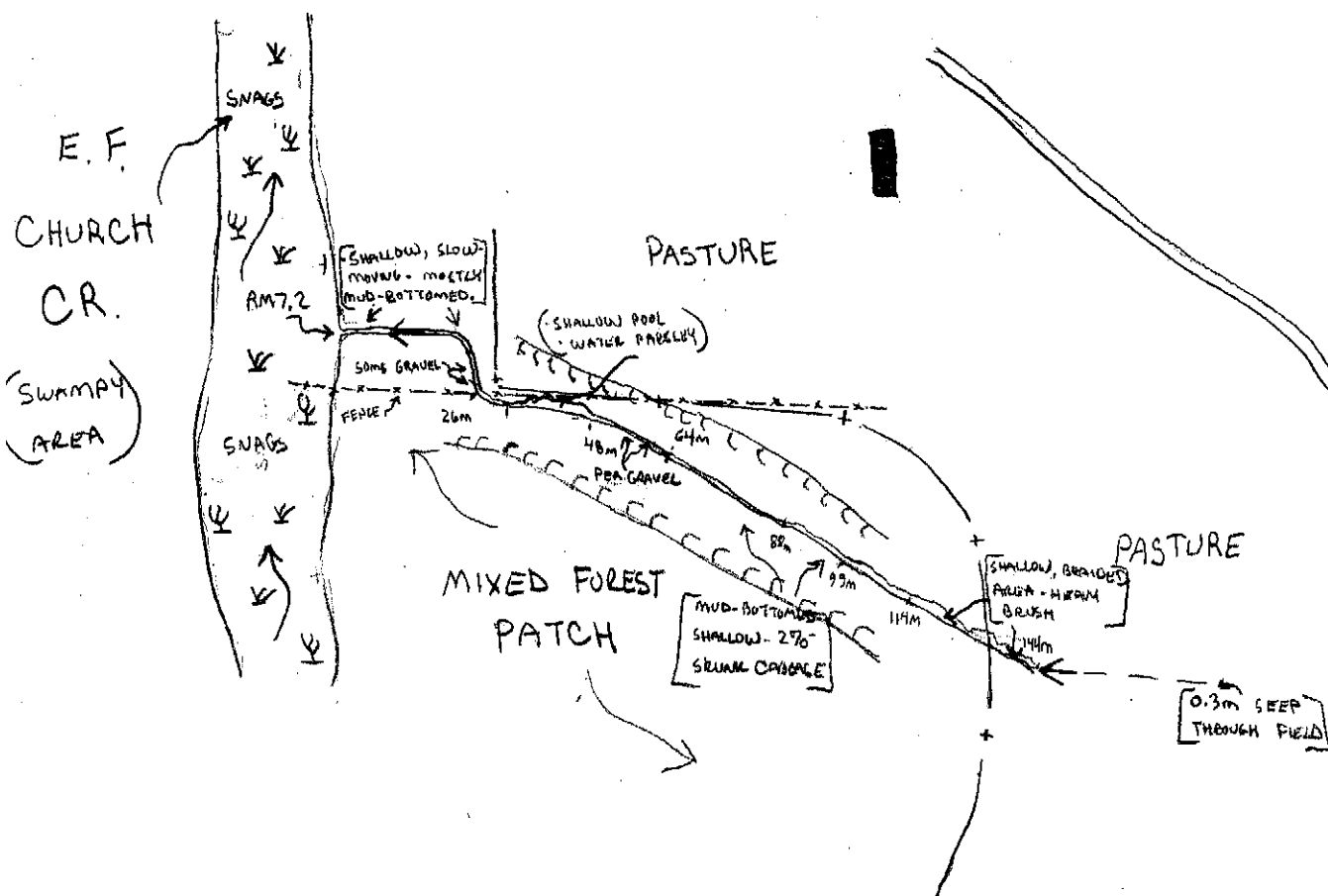
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended as the stream was in a 0.3 meter channel or grassy ditch through a pasture.

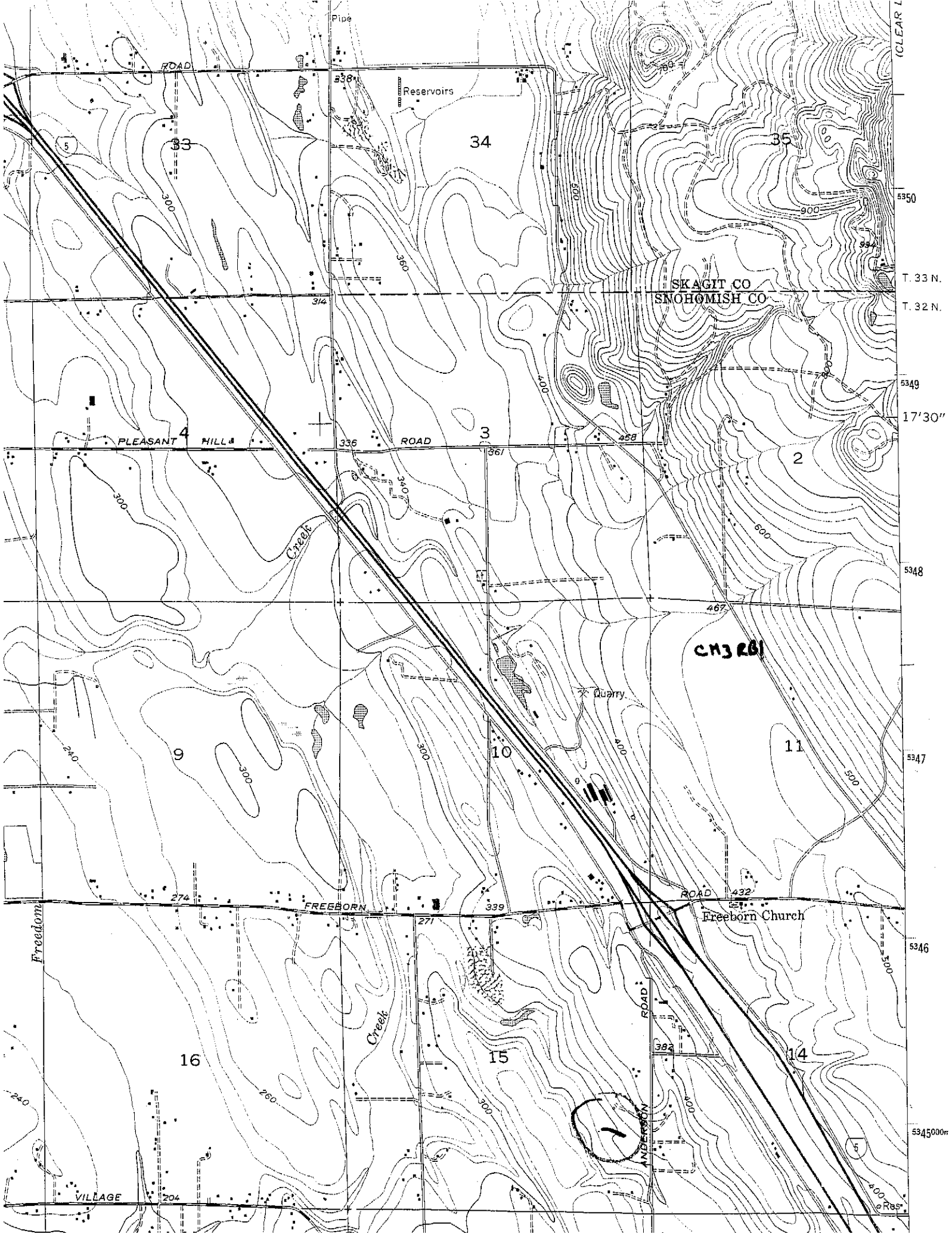
ATTACHMENTS AVAILABLE

☒ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping
☐ Other References



Site id. code: CH3AB1
 Site name:
 Scale: 1" = 35m
 Observer(s): OHS
 Legal location: SE 1/4 S15 T32N R4E

28TH AVE NW



(CLEAR L

T. 33 N.
T. 32 N.

17'30"

5348

5347

5346

534500m

SKAGIT CO
SNOHOMISH CO

CH3RB1

7

Reservoirs

PLEASANT HILL

Quarry

Freeborn Church

FREEBORN

Freedom

VILLAGE

CH3RB1

RM 7.2

SE 1/4 S15 T32N R4E

X- 1568311

Y- 1071441

2-25-03

ASTORE

PASTURE

MIXED
FOREST
PATCH

EF CHURCH
BENDER ROAD

0.0 ENTRY

FLOW - 0.1

WT - 38°

RWT - 37°

ACCESS - GOOD WFO

BVR POND / Swamp

26m WWD 1m

- SLOPE - moderate

- MOSTLY MUD BOTTOM

- SOME GRASS 2-2

1-4" Grass

Grass

32m water
- mostly RIFFLE - some
COBBLE

48m water 3m
SHALLOW - SPREAD OUT
SUNK CABB - W. PEARL
COARSE GRASS

64m water 1.1m
- sand - P. GRASS SURF
- COPE

88m water 1.6m
SHALLOW SPREAD OUT
- 2 1/2 FEET

99m water 1m
MUD / P. GR.

114m water 2m
SHALLOW SPREAD OUT

144m SHALLOW SPREAD OUT

CRUSHY 3-4m water

SUNK CABBLES

40° 0.05 DIS

END OF SURVEY